SERVICE MANUAL SD9000dbx(E)

Since only the unidentical parts between the original model are listed, please use this manual (Flysheet) with the original model SD9000 service manual accodingly.

N. B. Following precautions should be used when putting order for service manual:

(1) The original Service manual will not be delivered if the P/N 111T855020(Flysheet) is used for ordering.

(2) When comprehensive manual are required, please use both P/N of 4280855010 (original) and 111T855020 (Flysheet) simultaneously.

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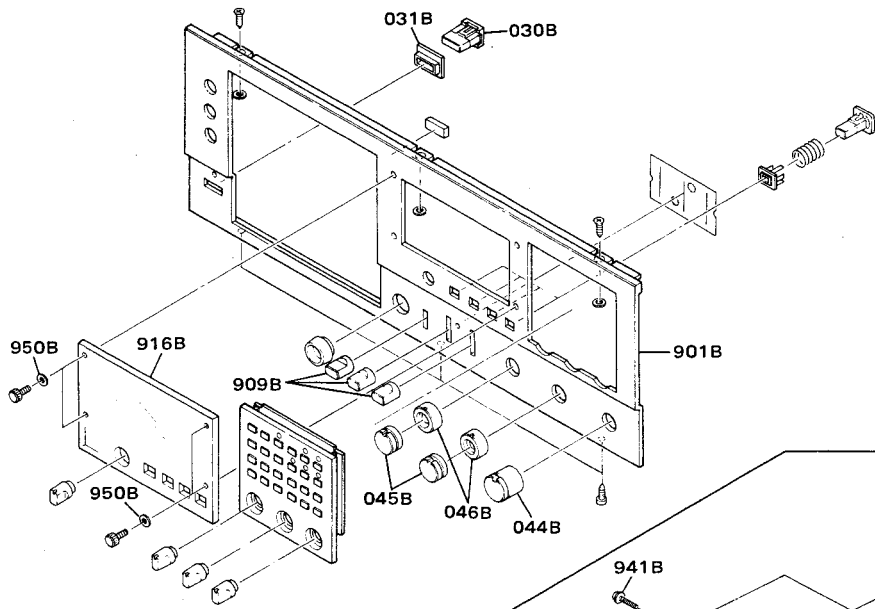
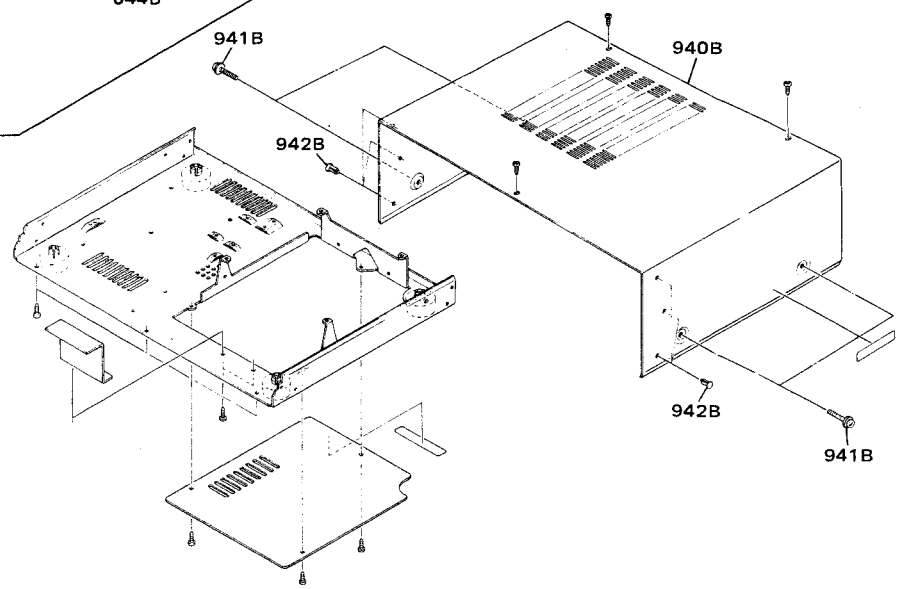
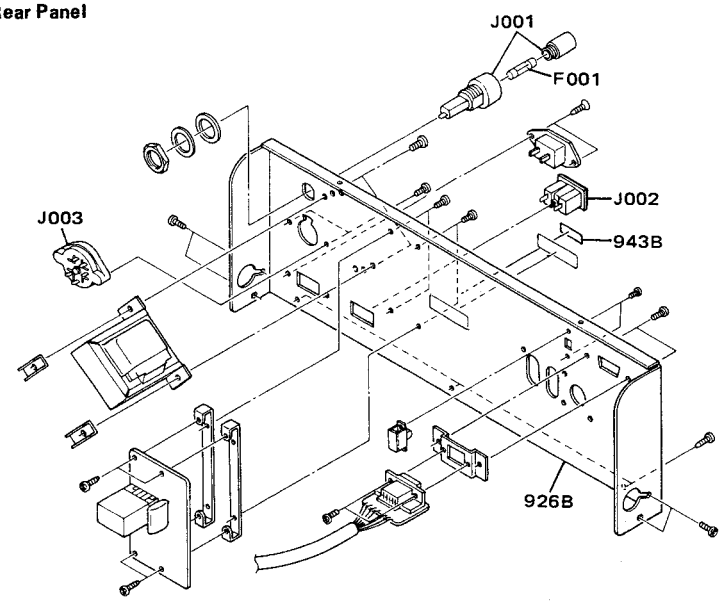
[P01-99] Front Panel



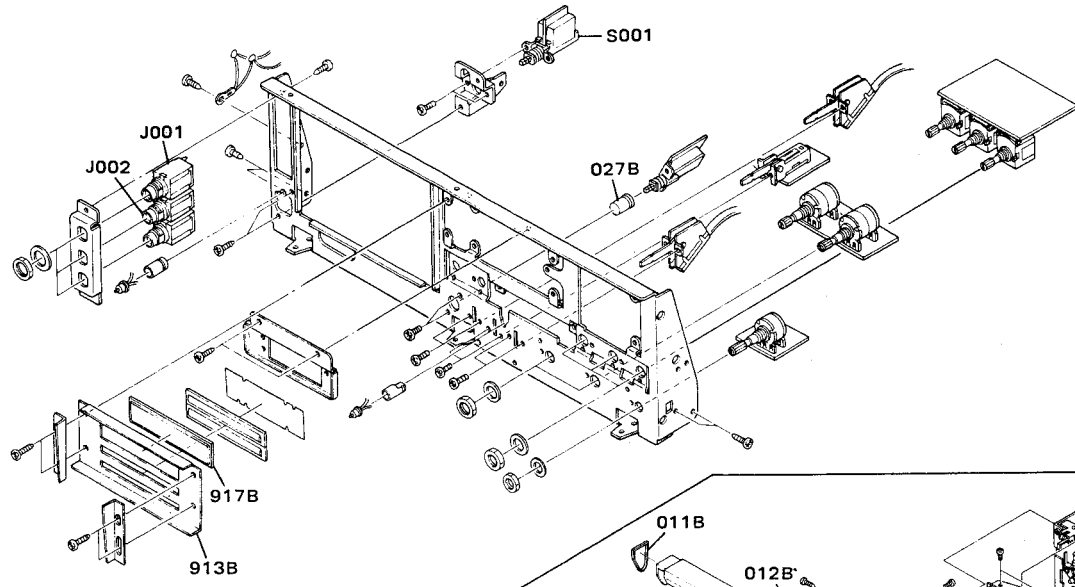
[P04-99] Top Cover and Main Chassis



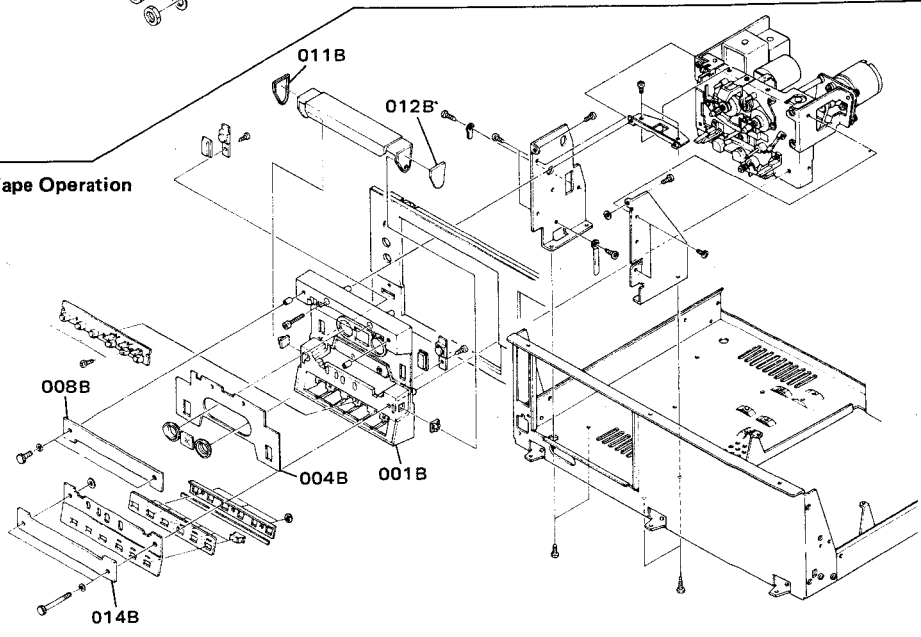
[P06-99] Rear Panel



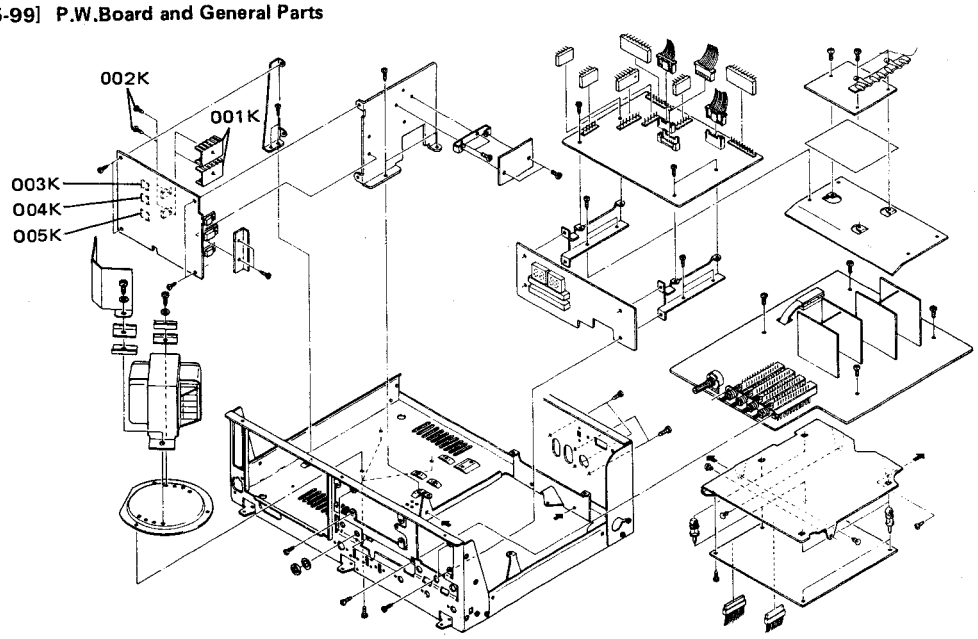
[P03-99] Front Bracket



[P02-99] Associated Mechanism for Cassette Tape Operation



[P05-99] P.W.Board and General Parts



REF. DESIG.	Q'TY	SD9000(U) PART NO.	DESCRIPTION	REF. DESIG.	Q'TY	SD9000dbx(E) PART NO.	DESCRIPTION
			Page 51				
A	1	4280063400	Front Panel Assembly	A	1	111T063400	Front Panel Assembly
031B	1	2127259010	Bushing, Power Switch	031B	1	216H259010	Bushing, Power Switch
901B	1	4280063010	Escutcheon, Front Panel	901B	1	111T063010	Escutcheon, Front Panel
902B	2	4279118010	Spacer				
025B	4	59046502G9	Washer				
030B	1	2127154010	Knob, Power Switch	030B	1	216H154010	Knob, Power Switch
032B	2	2127115010	Spring				
044B	1	4278154010	Knob, Output	044B	1	4278154040	Knob, Output
045B	2	4278154020	Knob, Record	045B	2	4278154050	Knob, Record
046B	2	4278154030	Knob, Record	046B	2	4278154060	Knob, Record
909B	3	2970154020	Knob, Lever Switch	909B	3	2970154220	Knob, Lever Switch
916B	1	4279158010	Window, Dial	916B	1	4279158020	Window, Dial
				950B	4	59046502G9	Washer
S501	1	SK10240010	Keyboard, Switch	S501	1	SK10240020	Keyboard, Switch
			Page 52				
055B	1	4279257010	Lid, Top Cover				
945B	4	51480406S0	F. Washer, Screw				
946B	6	2991259010	Bushing				
				940B	1	4279257040	Lid, Top Cover
				941B	4	51480406S9	F. Washer Screw
				942B	6	2991259110	Bushing
			Page 53				
926B	1	4280160010	Bracket, Rear Panel	926B	1	111T160020	Bracket, Rear Panel
931B	1	1455259030	Bushing				
				943B	1	4581861010	Label
				F001	1	FS10080800	Fuse
				J001	1	YJ08000290	Jack
				J002	1	YP04000610	Plug
				J003	1	BY05080010	Voltage Selector
			Page 54				
E	1	4279302400	Dial Assembly LED	E	1	111T302400	Dial Assembly LED
913B	1	4279302010	Dial, LED Meter	913B	1	4279302030	Dial, LED Meter
027B	1	4279154070	Knob, Rec. Mute	027B	1	4279154080	Knob, Rec. Mute
917B	1	4279158030	Window, Counter	917B	1	4279158080	Window, Counter
J001	1	YJ01001110	Jack, Mic (L)	J001	1	YJ01001120	Jack, Mic (L)
J002	1	YJ01001110	Jack, Mic (R)	J002	1	YJ01001120	Jack, Mic (R)
S001	1	SP01010280	Push Switch, Power	S001	1	SP01010410	Push Switch, Power
			Page 55				
B	1	4279053400	Cover Assembly	B	1	110T053400	Cover Assembly
001B	1	4279053010	Cover, Mechanism	001B	1	4279053050	Cover, Mechanism
004B	1	4279063050	Escutcheon, Cassette	004B	1	4279063110	Escutcheon, Cassette
C	1	4280053410	Head Cover Assembly	C	1	110T053410	Head Cover Assembly
011B	1	4279063060	Escutcheon (L)	011B	1	4279063120	Escutcheon (L)
012B	1	4279063070	Escutcheon (R)	012B	1	4279063130	Escutcheon (R)
D	1	4279063420	Escutcheon Assembly	D	1	110T063430	Escutcheon Assembly
014B	1	4279063040	Escutcheon	014B	1	4279063100	Escutcheon
008B	1	4279063030	Escutcheon	008B	1	4279063090	Escutcheon
090F	1	4279104020	Retainer				
091F	1	51280308B0	B.H. Tapped Screw B3 x 8				

REF. DESIG.	Q'TY	SD9000(U) PART NO.	DESCRIPTION	REF. DESIG.	Q'TY	SD9000dbx(E) PART NO.	DESCRIPTION
			Page 56				
				001K	2	202H267030	Heatsink
				002K	2	5128030680	B.H. Tapped Screw
				003K	1	9512601020	Label Fuse F901
				004K	1	9512601050	Label Fuse F902
				005K	1	9512601190	Label Fuse F903
			Page 60				
M001	1	MM11205010	D.C. Motor 12V	M001	1	MM11200130	D.C. Motor 12V
			Page 61				
001T	1	4279851210	Instructions	001T	1	4279851310	Instructions
002T	1	4280851220	Instructions	002T	1	4280851320	Instructions
003T	1	2818854020	Guarantee Card				
004T	1	2225813010	Envelope				
005T	1	9013025010	Polyethy Bag	005T	1	111T856010	Circuit Diagram
				006T	1	110T851010	Instructions dbx
				007T	1	4279851370	Instructions
				009T	1	4280851350	Instructions
901U	1	4280801010	Packing Case	901U	1	111T801020	Packing Case
902U	1	2864804010	Sleeve				
905U	2	9526019010	Serial No. Card	905U	2	9526019030	Serial No. Card
906U	1	9090909040	Polyethy Sheet	906U	1	9090909030	Polyethy Sheet
				910U	1	2731821010	Silicagel
003V	1	9011325010	Polyethy Bag				
			Page 62				
PK11	1	YK42801310	P.W. Board Pre Amp	PK11	1	WK42801310	P.W. Board Pre Amp
	1	ZZ42801310	P.W. Board Assembly		1	ZZ42809310	P.W. Board Assembly
C114	1	DF15152300	Film 1500P F ±5%	C114	1	DF15222300	Film 2200p F ±5%
C115	1	DF55681090	Film 680p F ±5%				
C134	1	DF15153300	Film 0.015μ F ±5%				
C135	1	DF15393300	Film 0.039μ F ±5%				
C136	1	DF15103300	Film 0.01μ F ±5%				
C137	1	DF15682300	Film 6800p F ±5%				
C138	1	DF15822300	Film 0.0082μ F ±5%				
C139	1	DF15822300	Film 0.0082μ F ±5%				
C140	1	DF15103300	Film 0.01μ F ±5%				
C150	1	DF15153300	Film 0.015μ F ±5%				
C151	1	EA47405030	Elect 0.47μ F 50V				
C156	1	DF15152300	Film 1500p F ±5%	C156	1	DF15222300	Film 2200p F ±5%
C158	1	DF55681090	Film 680p F ±5%				
C214	1	DF15152300	Film 1500p F ±5%	C214	1	DF15222300	Film 2200p F ±5%
C215	1	DF55681090	Film 6800p F ±5%				
C228	1	DF15333300	Film 0.033μ F ±5%	C228	1	DF15103350	Film 0.01μ F ±5%
				C229	1	EA10602530	Elect 10μ F 25V
C234	1	DF15153300	Film 0.015μ F ±5%				
C235	1	DF15393300	Film 0.039μ F ±5%				
C236	1	DF15103300	Film 0.01μ F ±5%				
C237	1	DF15682300	Film 6800p F ±5%				
C238	1	DF15822300	Film 0.0082μ F ±5%				
C239	1	DF15822300	Film 0.0082μ F ±5%				
C240	1	DF15103300	Film 0.01μ F ±5%				
C250	1	DF15153300	Film 0.015μ F ±5%				
C251	1	EA47405030	Elect 0.47μ F ±5%				
C256	1	DF15152300	Film 1500p F ±5%	C256	1	DF15222350	Film 2200p F ±5%

REF. DESIG.	Q'TY	SD9000(U) PART NO.	DESCRIPTION	REF. DESIG.	Q'TY	SD9000dbx(E) PART NO.	DESCRIPTION
			Page 63				
C258	1	DF55681090	Film 680p F ±5%				
C270	1	DK18104010	Ceramic 0.1μF				
R114	1	GD05471140	Resistor 470Ω				
R116	1	GG05101140	Resistor 100Ω	R116	1	GG05470140	Resistor 47Ω
R118	1	GD05562140	Resistor 5.6kΩ				
R119	1	GD05562140	Resistor 5.6kΩ	R119	1	GD05472140	Resistor 4.7kΩ
R120	1	GD05472140	Resistor 4.7kΩ				
R122	1	GD05103140	Resistor 10kΩ				
R149	1	GD05820140	Resistor 82Ω				
R150	1	GD05220140	Resistor 22Ω				
R151	1	GD05561140	Resistor 560Ω				
R152	1	GD05821140	Resistor 820Ω				
R153	1	GD05330140	Resistor 33Ω				
R154	1	GD05871140	Resistor 820Ω				
R155	1	GD05221140	Resistor 220Ω				
R172	1	GD05222140	Resistor 2.2kΩ				
R173	1	GD05102140	Resistor 1kΩ				
R178	1	GD05102140	Resistor 1kΩ				
R179	1	GD05101140	Resistor 100Ω	R179	1	GD05470140	Resistor 47Ω
R214	1	GD05471140	Resistor 470Ω				
R216	1	GD05101140	Resistor 100Ω	R216	1	GD05470140	Resistor 47Ω
R218	1	GD05562140	Resistor 5.6kΩ				
R219	1	GD05562140	Resistor 5.6kΩ	R219	1	GD05472140	Resistor 4.7kΩ
R220	1	GD05472140	Resistor 4.7kΩ				
			Page 64				
R222	1	GD05103140	Resistor 10kΩ				
R249	1	GD05820140	Resistor 82Ω				
R250	1	GD05220140	Resistor 22Ω				
R252	1	GD05820140	Resistor 82Ω				
R253	1	GD05330140	Resistor 33Ω				
R254	1	GD05821140	Resistor 820Ω				
R255	1	GD05221140	Resistor 220Ω				
R272	1	GD05222140	Resistor 2.2kΩ				
R273	1	GD05102140	Resistor 1kΩ				
R278	1	GD05102140	Resistor 1kΩ				
R279	1	GG05101140	Resistor 100Ω	R279	1	GG05470140	Resistor 47Ω
R322	1	GD05393140	Resistor 39kΩ				
R323	1	GD05123140	Resistor 12kΩ				
R324	1	GD05103140	Resistor 10kΩ				
R325	1	GD05331140	Resistor 330Ω				
R326	1	GD05122140	Resistor 1.2kΩ				
R327	1	RA01020110	Resistor Trim 1kΩ				
Q104	1	HT309451P0	Transistor 2SC945				
Q114	1	HT309451P0	Transistor 2SC945				
Q116	1	HT309451P0	Transistor 2SC945				
Q204	1	HT309451P0	Transistor 2SC945				
			Page 65				
Q214	1	HT309451P0	Transistor 2SC945				
Q216	1	HT309451P0	Transistor 2SC945				
Q301	1	HD20011050	Diode 1S1555				
L103	1	LC24750030	Choke Coil 4.7mH				
L203	1	LC24750030	Choke Coil 4.7mH				
S305	1	SR12020020	Rotary Switch				
S306	1	SS04030130	Slide Switch				
S307	1	SB11910010	Band Switch				
J303	1	YT02040260	Terminal	J303	1	YT02050020	Terminal

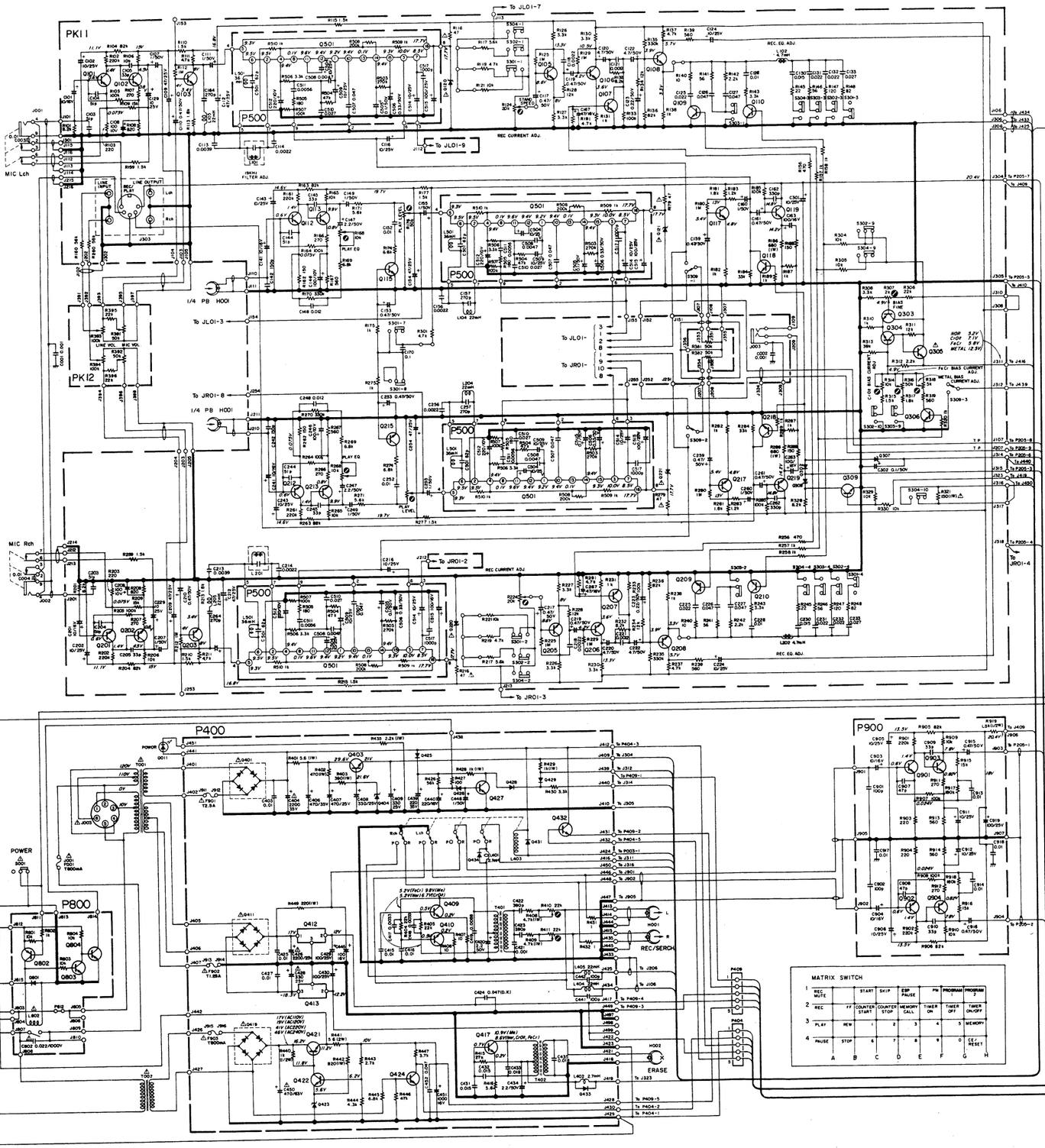
REF. DESIG.	Q'TY	SD9000(U) PART NO.	DESCRIPTION	REF. DESIG.	Q'TY	SD9000dbx(E) PART NO.	DESCRIPTION
PK21	1	YK42792710	P.W. Board Computer	PK21	1	WK42792710	P.W. Board Computer
	1	ZZ42792710	P.W. Board Assembly		1	ZZ42799710	P.W. Board Assembly
C501	1	DF15332300	Film 3300p F ±5%	C501	1	DF15152300	Film 1500p F ±5%
C504	1	EA10505030	Elect 1μ F 50V	C504	1	DF15103300	Film 0.01μ F ±5%
C513	1	EA47502530	Elect 4.7μ F 25V	C513	1	EA47505030	Elect 4.7μ F 50V
C518	1	DF15472300	Film 0.0047μ F ±5%	C518	1	DF15152300	Film 0.0015μ F ±5%
C519	1	DD15330370	Ceramic 33p F ±5%				
C527	1	DD15330370	Ceramic 33p F ±5%				
C531	1	EA22601630	Elect 22μ F 16V	C531	1	EA33601630	Elect 33μ F 16V
			Page 66				
R506	1	GD05562140	Resistor 5.6kΩ	R506	1	GD05102140	Resistor 1kΩ
R525	1	GD05152140	Resistor 1.5kΩ	R525	1	GD05333140	Resistor 33kΩ
R545	1	GD05681140	Resistor 680Ω	R545	1	GD05561140	Resistor 560Ω
R546	1	GD05681140	Resistor 680Ω	R546	1	GD05561140	Resistor 560Ω
R568	1	GD05331140	Resistor 330Ω	R568	1	GD05151140	Resistor 150Ω
				R600	1	GD05103140	Resistor 10kΩ
				R635	1	GD05104140	Resistor 100kΩ
				R636	1	GD05223140	Resistor 22kΩ
				R637	1	GD05332140	Resistor 3.3kΩ
				R638	1	GD05102140	Resistor 1kΩ
				R639	1	GD05332140	Resistor 3.3kΩ
			Page 67				
R644	1	GA05181010	Resistor 180Ω	R644	1	GA05331010	Resistor 330Ω
				R733	1	GD05562140	Resistor 5.6kΩ
				R735	1	GD05133140	Resistor 13kΩ
Q557	1	HD10001010	Diode 1N34A	Q557	1	HD10004020	Diode 0A-91
Q558	1	HD10001010	Diode 1N34A	Q558	1	HD10004020	Diode 0A-91
			Page 68				
Q603	1	HD10001010	Diode 1N34A	Q603	1	HD10004020	Diode 0A-91
Q604	1	HD10001010	Diode 1N34A	Q604	1	HD10004020	Diode 0A-91
				Q611	1	HD20011050	Diode 1S1555
				Q612	1	HD20011050	Diode 1S1555
				Q613	1	HD20011050	Diode 1S1555
				Q614	1	HT323622A0	Transistor 2SC2362
Q623	1	HD10001010	Diode 1N34A	Q623	1	HD10004020	Diode 0A-91
Q624	1	HD10001010	Diode 1N34A	Q624	1	HD10004020	Diode 0A-91
Q642	1	HT403131E0	Transistor 2SD313(E)	Q642	1	HT405861Q0	Transistor 2SD586(Q)
J601	1	YL01070080	Terminal (7P)				
			Page 69				
C701	1	DF15223350	Film 0.022μ F ±5%	C701	1	DF15683350	Film 0.068μ F ±5%
C702	1	EA10505030	Elect 1μ F 50V	C702	1	EA22505030	Elect 2.2μ F 50V
PM01	1	YF43970020	P.W. Board, Motor Governor	PM01	1	YF43970020	P.W. Board, Motor Governor
	1	ZZ42971020	P.W. Board Assembly		1	ZZ43979020	P.W. Board Assembly
CM16	1	EA47405030	Elect 0.47μ F 50V	CM16	1	EA10405030	Elect 0.1μ F 50V
			Page 70				
RM11	1	RA01020300	Trimming 1kΩ	RM11	1	RA05020180	Triming 5kΩ
QM21	1	HC452800B0	IC μPD4528C or MC14528	QM21	1	HC10040060	IC μPD4528C
QM22	1	HD10001010	Diode 1N34A	QM22	1	HD10004020	Diode 0A-91
QM23	1	HD10001010	Diode 1N34A	QM23	1	HD10004020	Diode 0A-91

REF. DESIG.	Q'TY	SD9000(U) PART NO.	DESCRIPTION	REF. DESIG.	Q'TY	SD9000dbx(E) PART NO.	DESCRIPTION
P400	1	YF42790040	P.W. Board, Power Supply Bias OSC	P400	1	WF110T0010	P.W. Board, Power Supply Bias OSC
	1	ZZ42800040	P.W. Board Assembly		1	ZZ110T0010	P.W. Board Assembly
C401	1	DK18102300	Ceramic 1000p F				
C402	1	DK18102300	Ceramic 1000p F				
C404	1	DK18102300	Ceramic 1000p F	C404	1	EA22803530	Elect 2200μ F 35V
C405	1	EA10803530	Elect 1000μ F 35V				
C406	1	EA10803530	Elect 1000μ F 35V	C406	1	EA47703530	Elect 470p F 35V
C407	1	EA47703530	Elect 470p F 35V	C407	1	EA47702530	Elect 470p F 25V
C408	1	EA47702530	Elect 470p F 25V	C408	1	EA33702530	Elect 330p F 25V
C409	1	DK18102300	Ceramic 1000p F	C409	1	EA33702530	Elect 330p F 25V
C410	1	DK18102300	Ceramic 1000p F				
C411	1	DK18102300	Ceramic 1000p F				
C412	1	DK18102300	Ceramic 1000p F				
C413	1	EA22803530	Elect 2200μ F 35V				
C414	1	EA22803530	Elect 2200μ F 35V				
C424	1	EA22802530	Elect 2200μ F 25V	C424	1	DK18473310	Ceramic 0.047μ F
C425	1	DK18473320	Ceramic 0.047μ F	C425	1	DK18103300	Ceramic 0.01μ F
C426	1	EA47701630	Elect 470μ F 16V	C426	1	EA33802530	Elect 3300μ F 25V
				C427	1	DK18103300	Ceramic 0.01μ F
				C428	1	EA47702530	Elect 470μ F 25V
C429	1	DF75153510	Film 0.015μ F ±5%	C429	1	EA10702530	Elect 100μ F 25V
C430	1	DF75153510	Film 0.015μ F ±5%	C430	1	EA10702530	Elect 100μ F 25V
C431	1	DF75183510	Film 0.018μ F ±5%	C431	1	DF15153550	Film 0.015μ F
C432	1	EE22505040	Elect 2.2μ F 50V	C432	1	DF15153550	Film 0.015μ F
C434	1	EA47702530	Elect 470μ F 25V	C434	1	EA22505030	Elect 2.2μ F 50V
C435	1	EA10801630	Elect 1000μ F 16V	C435	1	DF15183550	Film 0.018μ F ±5%
C436	1	DK18473320	Ceramic 0.047μ F				
C445	1	EA10801630	Elect 1000μ F 16V	C445	1	EA10702530	Elect 100μ F 25V
				C450	1	EA47706330	Elect 470μ F 63V
				C451	1	EA10801630	Elect 1000μ F 16V
				C452	1	DK18473320	Ceramic 0.047μ F
			Page 71				
R418	1	GG05102120	Resistor 1kΩ ½W				
R419	1	GA05056020	Resistor 5.6kΩ 2W				
R420	1	GA05821010	Resistor 820Ω 1W				
R421	1	GD05272140	Resistor 2.7kΩ				
R422	1	GD05432140	Resistor 4.3kΩ				
R423	1	GD05123140	Resistor 12kΩ				
R424	1	GD05472140	Resistor 4.7kΩ				
R425	1	GD05332140	Resistor 3.3kΩ				
R440	1	GD05220140	Resistor 22Ω	R440	1	GG05102120	Resistor 1kΩ ½W
				R441	1	GA05056020	Resistor 5.6Ω 2W
				R442	1	GA05821010	Resistor 820Ω 1W
				R443	1	GD05272140	Resistor 2.7kΩ
				R444	1	GD05432140	Resistor 4.3kΩ
				R445	1	GD05682140	Resistor 6.8kΩ
				R446	1	GD05473140	Resistor 47kΩ
				R447	1	GD05332140	Resistor 3.3kΩ
				R449	1	GJ05221010	Resistor 220Ω 1W
Q401	1	HD20020080	Diode Mi-151R	Q401	1	HD20026080	Diode RB-151
Q402	1	HD20019080	Diode Mi-151				
Q404	1	HD30048090	Zener WZ-210				
Q405	1	HD20008290	Diode S4VB				
Q411	1	HD20020080	Diode Mi-151R	Q411	1	HD20026080	Diode RB-151
Q412	1	HD20019080	Diode Mi-151	Q412	1	HD10043060	IC μPC7812 +12V
Q413	1	HD20020080	Diode Mi-151R	Q413	1	HC10044060	IC μPC7912 −12V
Q414	1	HD20019080	Diode Mi-151				
Q419	1	HD20020080	Diode Mi-151R	Q419	1	HD20026080	Diode RB-151
Q420	1	HD20019080	Diode Mi-151				

REF. DESIG.	Q'TY	SD9000(U) PART NO.	DESCRIPTION	REF. DESIG.	Q'TY	SD9000dbx(E) PART NO.	DESCRIPTION
Q421	1	HT403131F0	Transistor 2SD313(F)	Q421	1	HT407181B0	Transistor 2SD718
Q422	1	HT309451P0	Transistor 2SC945	Q422	1	HT326341S0	Transistor 2SC2634
Q424	1	HT309451P0	Transistor 2SC945	Q424	1	HT326341S0	Transistor 2SC2634
Q426	1	HD30024090	Zener WZ-120	Q426	1	HD30029090	Transistor WZ-090
Q427	1	HT309451P0	Transistor 2SC945	Q427	1	HT326341S0	Transistor 2SC2634
Q428	1	HD20011050	Diode 1S1555	Q428	1	HD20001210	Diode 1S2473
Q429	1	HD20011050	Diode 1S1555	Q429	1	HD20001210	Diode 1S2473
				F901	1	FS10250800	Fuse T2.5A
				F902	1	FS10125800	Fuse T1.25A
				F903	1	FS10080800	Fuse T800mA
				J911 ~ J916	6	YJ08000200	Jack, Fuse Clip
P500	1	YK42760810	P.W. Board Dolby	P500	1	YK42760810	P.W. Board Dolby
	1	ZZ42760810	P.W. Board Assembly		1	ZZ42769810	P.W. Board Assembly
C513	4	EA10602530	Elect 10μF 25V				
				C517	4	DF15102300	Film 0.001μF ±5%
R501	4	GD05274140	Resistor 270kΩ				
R502	4	GD05564140	Resistor 560kΩ				
R507	4	GD05104140	Resistor 100kΩ				
				R508	4	GD05204140	Resistor 200kΩ
				R509	4	GD05102140	Resistor 1kΩ
				R510	4	GD05102140	Resistor 1kΩ
Q501	4	HC10001360	IC LM1101AN	Q501	4	HC10011270	IC NE645N
Q502	4	HD20011050	Diode 1S1555				
			Page 72				
P800	1	YF42790050	P.W. Board, Timer Relay	P800	1	YF42790050	P.W. Board, Timer Relay
	1	ZZ42790050	P.W. Board Assembly		1	ZZ42799050	P.W. Board Assembly
				C802	1	DF17223800	Film 0.022μF
L802	1	LY10120140	Relay G2W-1112V	L802	1	LY10120150	Relay G2W-1112V

SCHEMATIC DIAGRAM

The parts marked with ※ are 2 speed only



Q011 H110009300 AR2132D	Q001 HW10001030 PHOTO CUPLER	Q002～Q004 HD20023100 IOE－ILF	Q107 HT32001IK0 2SC2001(K)	Q101～Q103,Q105,Q106 Q108,Q112,Q113,Q117 HT31400IE0 2SC1400(E)	Q109,Q110 Q115,Q118,Q119 HT30945IP0 2SC945(P)	Q120,Q121 HD30030090 WZ177	Q201～Q203,Q205,Q206 Q208,Q212,Q213,Q217 HT31400IE0 2SC1400(E)	Q209,Q210 Q215,Q218,Q219 HT30945IP0 2SC945(P)

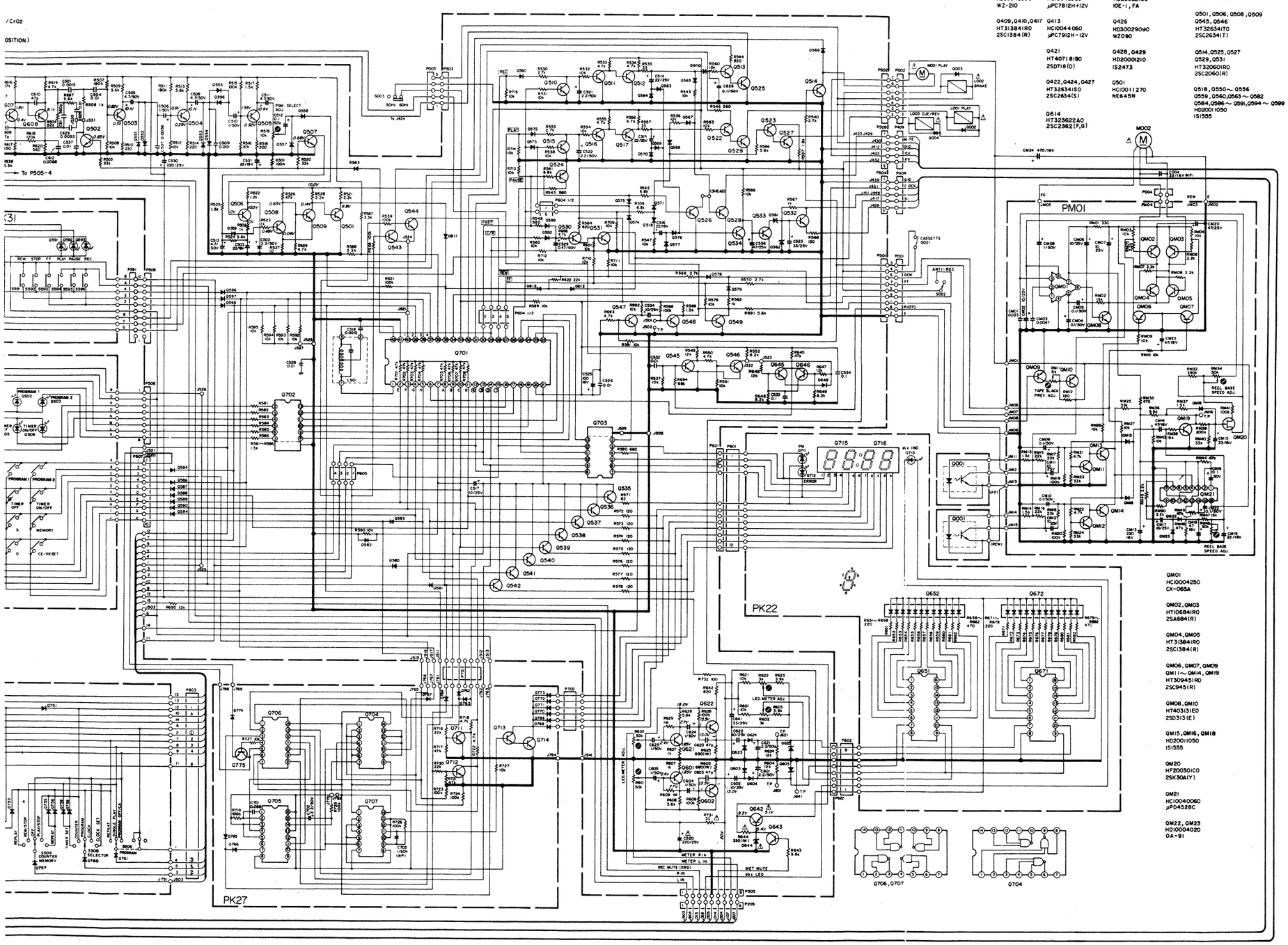
NOTE SWITCHES

S301 TAPE SELECTOR NORMAL
S302 TAPE SELECTOR SPECIAL/Cr02
S303 TAPE SELECTOR FeCr
S304 TAPE SELECTOR METAL
S309 MONITOR SELECTOR (TAPE POSITION)

Note on safety: The parts marked with ⚠ are important parts on the safety.
Please use the parts having the designated parts number without fail.

Components and wiring are subject to change for modification without notise.

Model SD9000dbx(E)



Q107 HT3200111K0 2SC2001(K)

Q101～Q103,Q105,Q106 Q108,Q112,Q113,Q117 HT314001E0 2SC1400(E)

Q109,Q110 Q115,Q118,Q119 HT309451P0 2SC945(P)

Q120,Q121 HD30030090 WZ177

Q201～Q203,Q205,Q206 Q208,Q212,Q213,Q217 HT314001E0 2SC1400(E)

Q209,Q210 Q215,Q218,Q219 HT309451P0 2SC945(P)

Q220,Q221 HD30030090 WZ177

Q302,Q302 HD20011050 IS1555

Q303,Q304,Q306,Q309 HT309451P0 2SC945(P)

Q305 HT403131E0 2SD313(E)

Q307 HD30033090 WZ052

Q308 HD30057090 YZ052C

Q207 HT3200111K0 2SC2001(K)

Q401 HD20026080 RB-151

Q403,Q432 HT403131E0 2SD313(E)

Q404 HD30048090 WZ-210

Q409,Q410,Q417 HT313841R0 2SC1384(R)

Q411,Q419 HD20026080 RB-151

Q412 HC10043060 μPC7812H-12V

Q413 HC10044060 μPC7912H-12V

Q421 HT407181B0 2SD718(Q)

Q422,Q424,Q427 HT32634150 2SC2634(S)

Q614 HT323622A0 2SC2362(F,G)

Q423 HD30015060 RD5.6EB2

Q425,Q431,Q433,Q434 HD20022100 I0E-1,FA

Q426 HD30029090 WZ090

Q428,Q429 HD20000210 IS2473

Q501 HC10011270 NE645N

Q502～Q505,Q507 Q510～Q513,Q515～Q517 Q522～Q524,Q526,Q528,Q530 Q532～Q544,Q547～Q549 HT32634150 2SC2634(S)

Q501,Q506,Q508,Q509 Q545,Q646 HT32634IT0 2SC2634(T)

Q514,Q525,Q527 Q529,Q531 HT320601R0 2SC2060(R)

Q518,Q550～Q556 Q559,Q560,Q563～Q582 Q584,Q586～Q591,Q594～Q599 HD20011050 IS1555

Q557,Q558 HD10004020 0A-91

Q561 HD30013080 RD1/EB3

Q562 HD30014060 RD24EB2

Q591 HI100150Z0 LN317GP

Q592 HI100160Z0 LN417YP

Q593 HI100140Z0 LN217RP

Q600,Q611～Q613 Q647,Q648 HD20011050 IS1555

Q601,Q602,Q605～Q608 Q621,Q622,Q626,Q643 HT32634150 2SC2634(S)

Q603,Q604,Q623,Q624 HD10004020 0A-91

Q605,Q625 HD30031090 WZ081

Q642 HT405861Q0 2SD586(Q)

Q644 HD30033090 WZ052

Q645,Q646 HT309451P0 2SC945(P)

Q651,Q671 HC10001320 LED.

Q652,Q672 HI112013Z0 LED.

Q701 HC10027060 μPD546C

Q702,Q703 HC10016060 μPA57C

Q704 HC402300U0 μPD4023C or MC14023

Q705 HC452800B0 μPD4528C or MC14528B

Q706,Q707 HC401100U0 μPD4011C or MC14011

Q711～Q713,Q775 HT32634150 2SC2634(S)

Q714 HT320601R0 2SC2060(R)

Q715,Q716 HD10201020 LN524RK

Q751～Q771 HD20011050 IS1555

Q801 HD20022100 I0E-1,FA

Q802 HT106841R0 2SA684(R)

Q803,Q804 HT309451Q0 2SC945(Q)

Q901～Q904 HT314001E0 2SC1400(E)

Q711～Q713 HI100110S0 TLR226

Q714 HI100093Q0 AR21320

Q772 HT107331P0 2SA733

Q782～Q774 HD20011050 IS1555

QM01 HC10004250 CX-065A

QM02,QM03 HT106841R0 2SA684(R)

QM04,QM05 HT313841R0 2SC1384(R)

QM06,QM07,QM09 QM11～QM14,QM19 HT309451R0 2SC945(R)

QM08,QM10 HT403131E0 2SD313(E)

QM15,QM16,QM18 HD20011050 IS1555

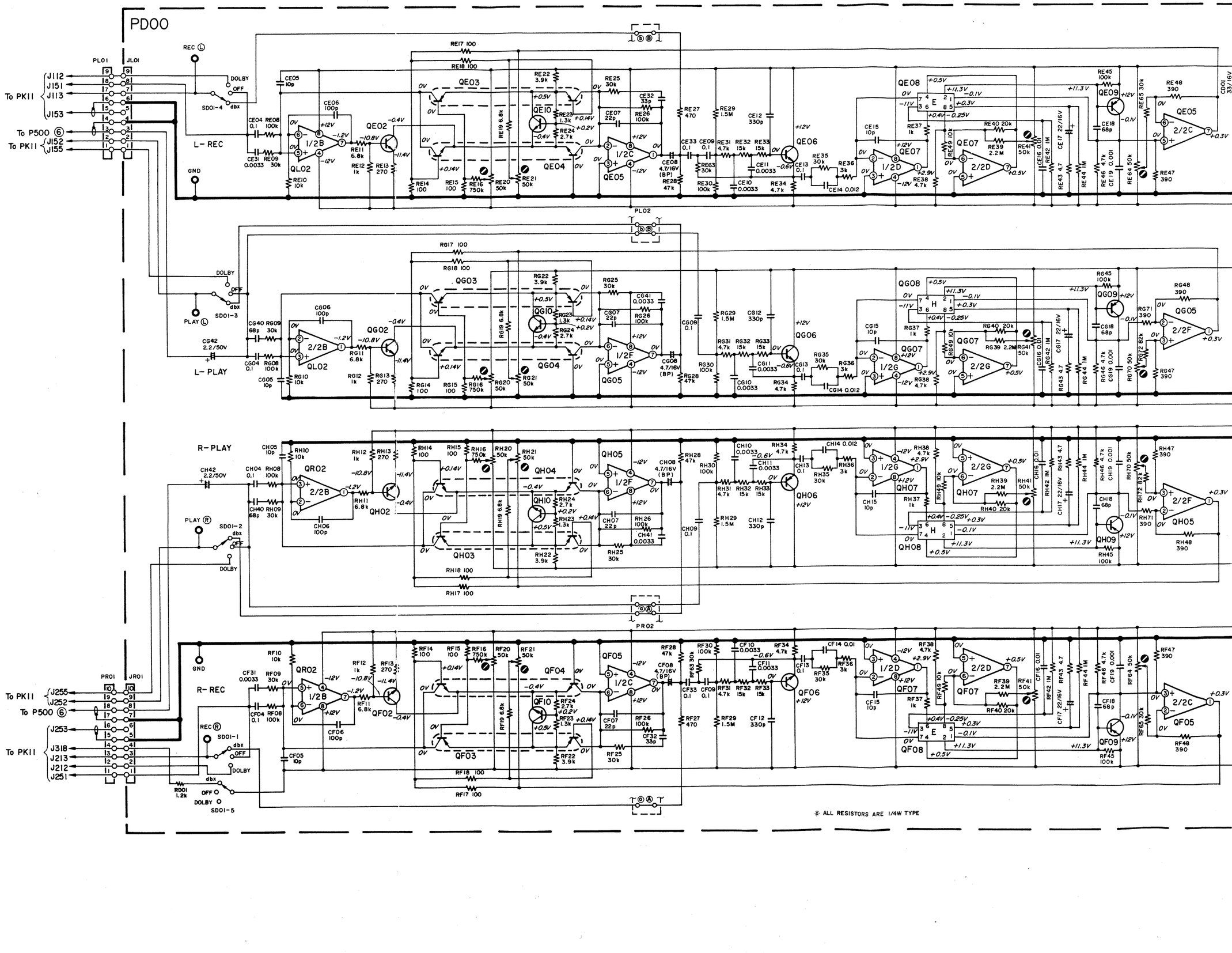
QM20 HF200301C0 2SK30A(Y)

QM21 HC10040060 μPD4528C

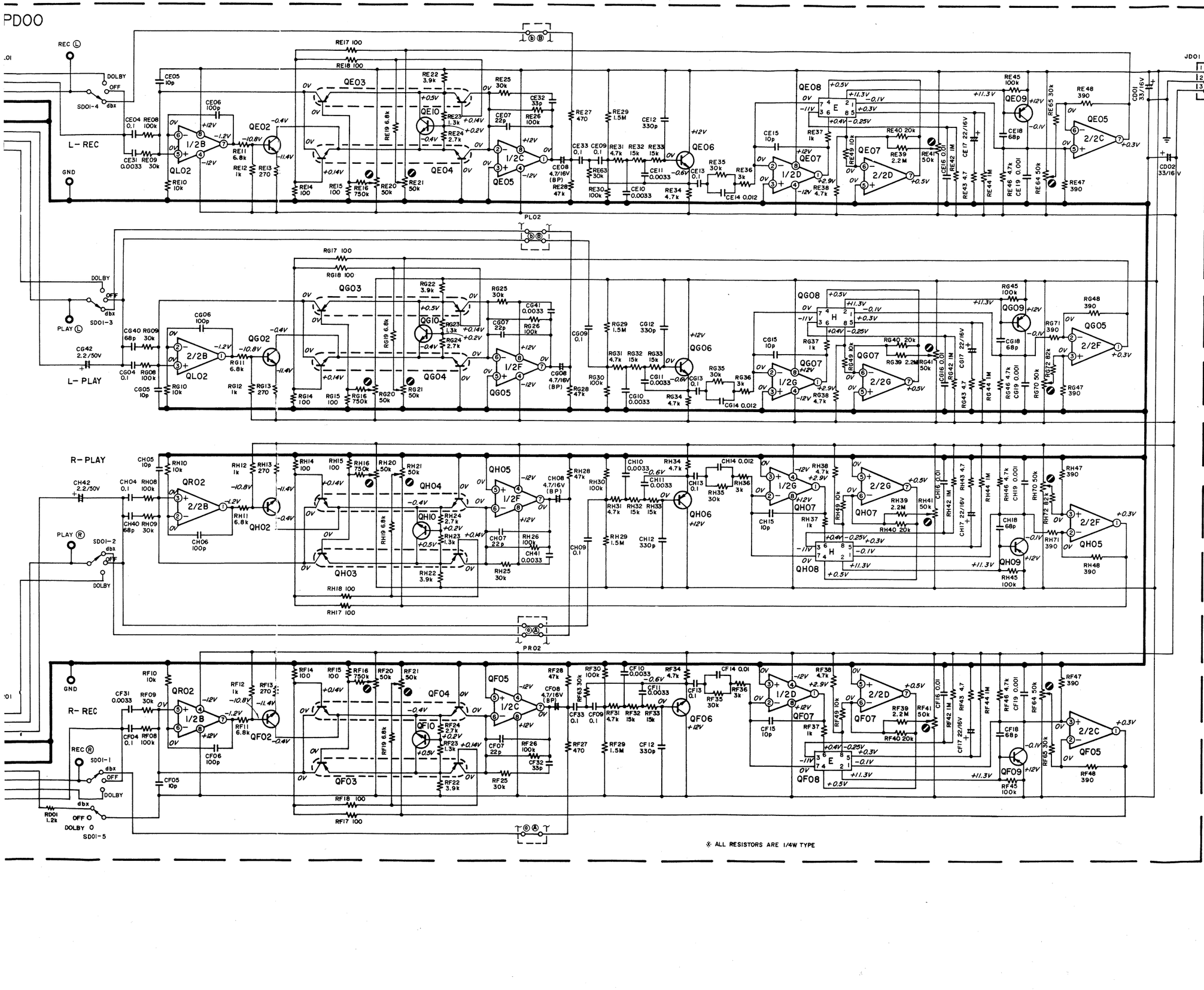
QM22,QM23 HD10004020 0A-91

ng are subject to change for modification without notise.

SCHEMATIC DIAGRAM



Model SD9000dbx(E)



QE02, QE06
QG02, QG06
QH02, QH06
QF02, QF06
HT326341S0
2SC2634(S)

QE03, QG03, QH03, QF03
HT107982A0
2SA798 (G or F)

QE04, QG04, QH04, QF04
HT315832A0
2SC1583 (G or F)

QE05, QG05, QH05, QF05
HC10003090
NJM4558D

QL02, QR02
QE07, QG07, QH07, QF07
HC10017370
TL072

QE08, QG08, QH08, QF08
HC10001470
dbx RMS SENSOR

QE09, QG09, QH09, QF09
HT107501E0
2SA750(E)

QE10, QG10, QH10, QF10
HT323622A0
2SC2362 (For G)

ADJUSTMENTS

REC LEVEL (dbx)	RE64 RF64
PLAY LEVEL (dbx)	RG70 RH70
VCA SYM	RE20, RG20 RH20, RF20
VCA LOG	RE21, RG21 RH21, RF21
RMS SYM	RE64, RG64 RH64, RF64